ViewSonic

PJD 6 Series

Product Feature Highlights

PJD 6 Series – Product Feature Highlights

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Education Series Projectors - For Education sector via Pro A/V channel, 3D capable						
DLP	XGA	PJD6223	New ID	2700 lumens, native resolution 1024 x 768, contrast ratio 4000:1, ~2.6Kg, 2 x RGB in, 1 x RGB out, 1 x S-Video, 1 x RJ45, 1 x Composite, 1 x HDMI, Audio in/out. Throw ratio 1.86:1 – 2.04:1. Top cover lamp access, supplied with full size remote control and without carry case. 3D Ready DLP Link. Smart Eco and Dynamic Movie mode.	VS14191	76690756711 3
		PJD6253	New ID	3500 lumens, native resolution 1024 x 768, contrast ratio 4000:1, ~2.6Kg, 2 x RGB in, 1 x RGB out, 1 x S-Video, 1 x RJ45, 1 x Composite, 1 x HDMI, Audio in/out. Throw ratio 1.51:1 – 1.97:1. Top cover lamp access, supplied with full size remote control/laser pointer and without carry case. 3D Ready DLP Link. Smart Eco and Dynamic Movie mode.	VS14193	76690756731 1
	WXGA	PJD6553W	New ID	3500 lumens, native resolution 1280 x 800 contrast ratio 4000:1, ~2.6Kg, 2 x RGB in, 1 x RGB out, 1 x S-Video, 1 x RJ45, 1 x Composite, 1 x HDMI, Audio in/out. Throw ratio 1.21:1 – 1.57:1. Top cover lamp access, supplied with full size remote control/laser pointer and without carry case. 3D Ready DLP Link. Smart Eco and Dynamic Movie mode.	VS14195	76690756751 9
Short-Throw Projectors - For very short distances and Interactive Whiteboard Usage (IWB), 3D Capable						
DLP	XGA	PJD6353	Available 2Q12	2500 lumens, native resolution 1024 x 768, contrast ratio 4000:1, ~2.6Kg, 2 x RGB in, 1 x RGB out, 1 x S-Video, RJ45, 1 x Composite, 1 x HDMI, Audio in/out. Throw ratio 0.61:1. Top cover lamp access, supplied with full size remote control and without carry case. 3D Ready DLP Link. Smart Eco mode.	VS14555	76690760811 3
		PJD6383	Available 2Q12	3000 lumens, native resolution 1024 x 768, contrast ratio 4000:1, ~2.6Kg, 2 x RGB in, 1 x RGB out, 1 x S-Video, RJ45, 1 x Composite, 1 x HDMI, Audio in/out. Throw ratio 0.61:1. Top cover lamp access, supplied with full size remote control and without carry case. 3D Ready DLP Link. Smart Eco and Dynamic Movie modes.	VS14553	76690760791 8
	WXGA	PJD6683w	Available 2Q12	3000 lumens, native resolution 1280 x 800, contrast ratio 4000:1, ~2.6Kg, 2 x RGB in, 1 x RGB out, 1 x S-Video, RJ45, 1 x Composite, 1 x HDMI, Audio in/out. Throw ratio 0.5:1. Top cover lamp access, supplied with full size remote control and without carry case. 3D Ready DLP Link. Smart Eco and Dynamic Movie modes.	VS14550	76690760761 1

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Ongoing Creations:

PJD6223/PJD6235/PJD6553w Network Enabled Projectors **PJD6353/PJD6383/PJD6683w Network Enabled Short Throw Projectors**	Standard Throw and Short Throw Crestron Network Management Dynamic Eco Dynamic PC & Dynamic Movie 10W speaker HDMI Connectivity 3D Ready DLP Link Pattern Wall Colour Customizable Start up Screen Presentation Timer

PJD 6 Series – Projection Modes

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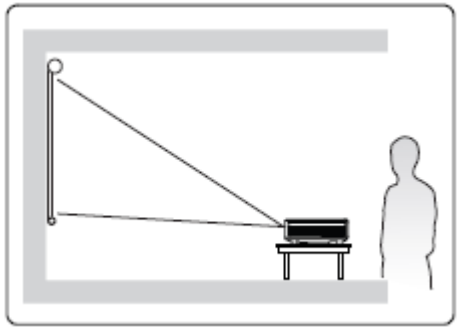
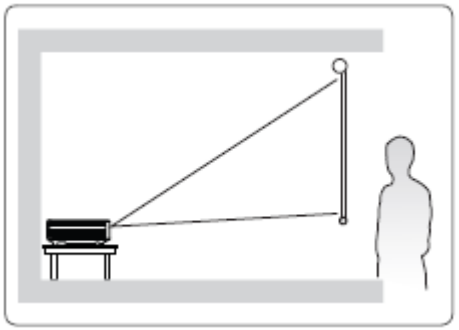
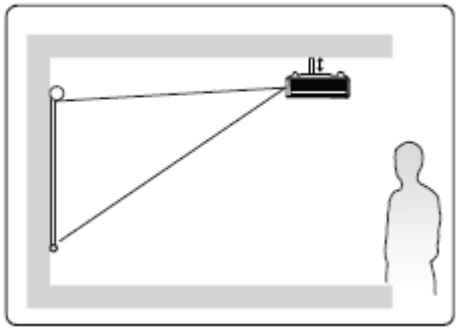
Front Table



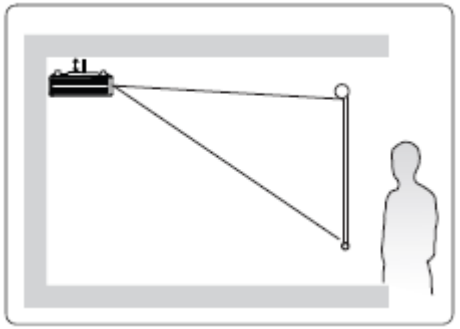
Front Rear



Front Ceiling



Rear Ceiling



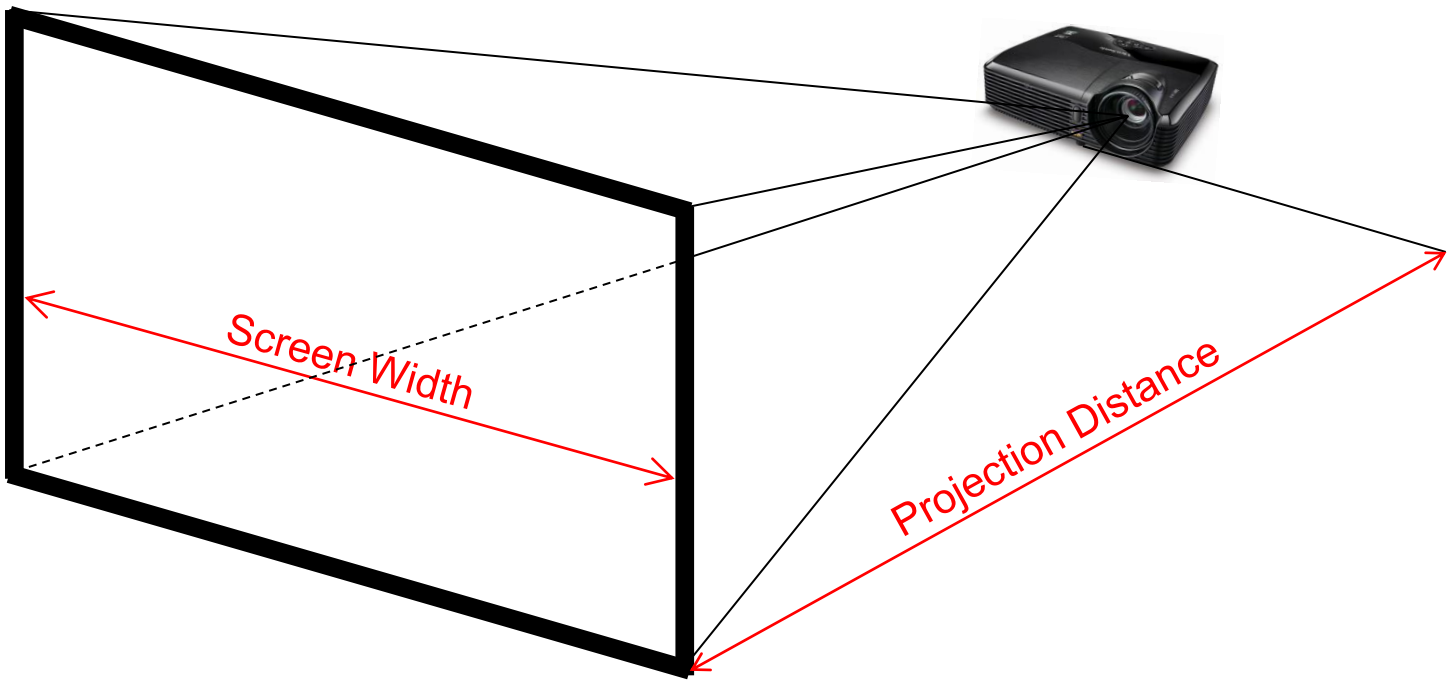
PJD 6 Series – Product Feature Highlights

Short throw for big screen, 1 metre distance to project 90’’ screen image …

ViewSonic’s PJD6 series short throw projectors adopt a high quality short throw and optical lens design. Short throw technology allows up to a 90’’projection from a distance of just 1 metre. You can easily share your presentation or high quality images in small spaces without worrying about impaired image quality or distracting interruption of projection beams. Short throw helps to enjoy big size images in a mobile and convenient way.

Throw ratio is defined as the projectors distance from the screen divided by with width of the projection screen. The projector with throw ratio between 0.5 ~ 1.0 can be regarded as a short throw ratio projector. A short throw projector can be used in any size of room. For example, the short throw allows the devices to be mounted just a short distance from a wall. This is particularly beneficial in smaller rooms as short throw projectors don’t require as much space as traditional projectors. Short throw technologies make it easy to create large and impactful screens in smaller rooms. Moreover, short throw projection virtually eliminates the problem of shadows on a screen and makes it much easier to interact with the projection. Creating a comfortable and better environment for meetings and classrooms, short throw eliminates the common concern of projectors shining light in a presenter’s face.

Throw Ratio

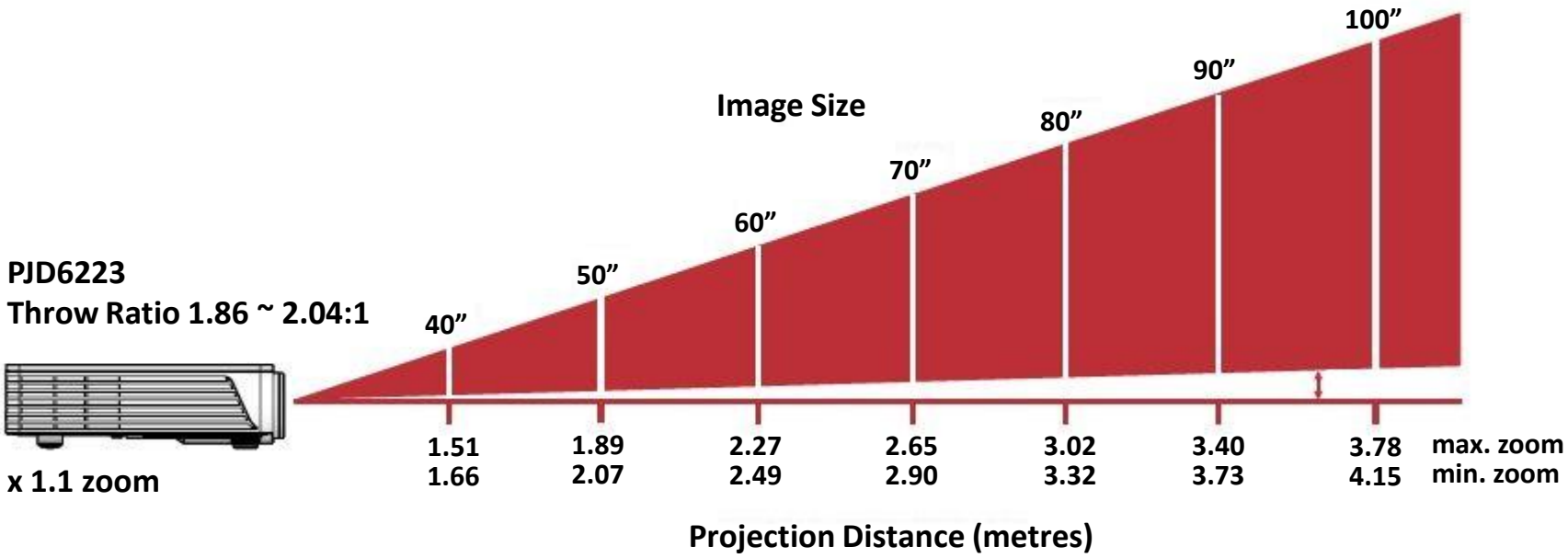


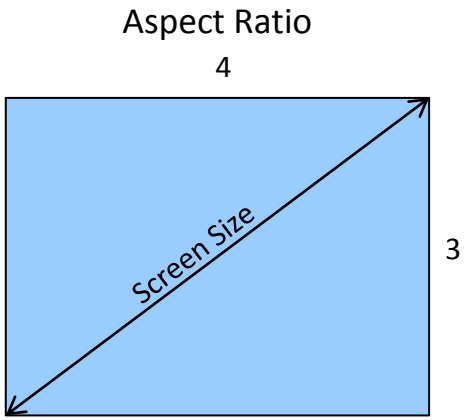
The **throw ratio** of a projector is defined as the **projection distance**, measured from the lens to the screen, **divided by** the **screen width.**

$$\text{Throw Ratio} = \frac{\text{Projection Distance}}{\text{Screen Width}}$$

Projectors with a throw ratio of less than 1 are often referred to as short throw.

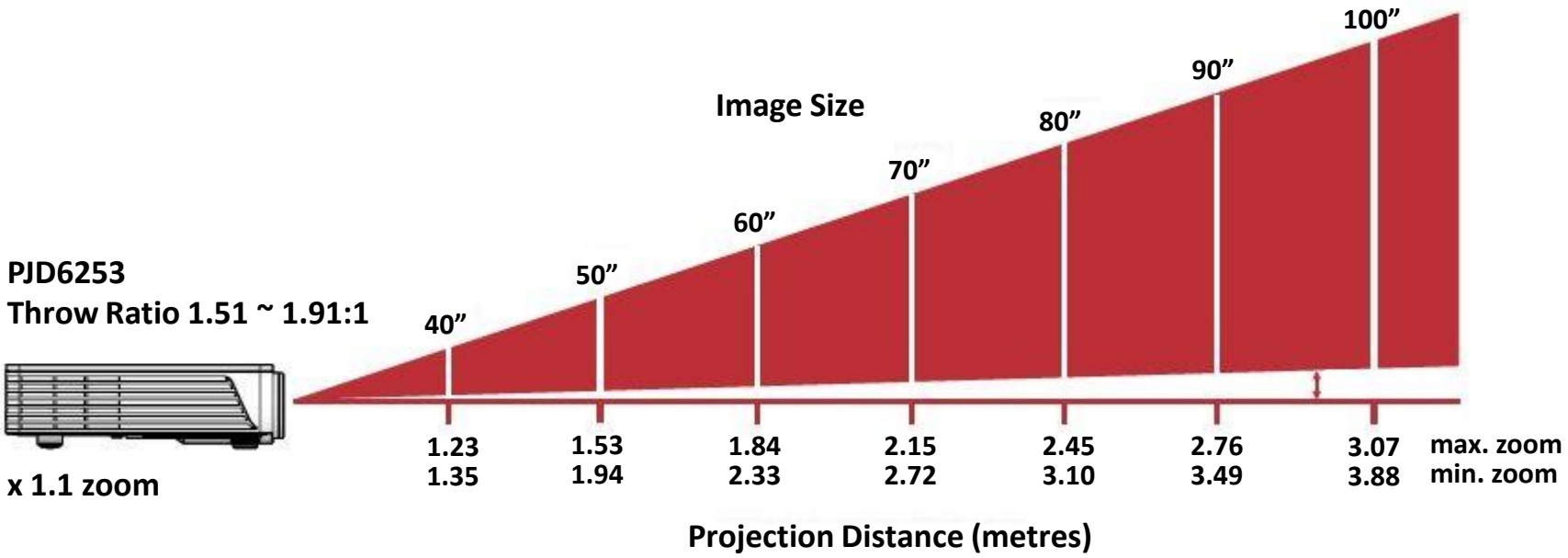
PJD6223 Image Size –v– Projection Distance

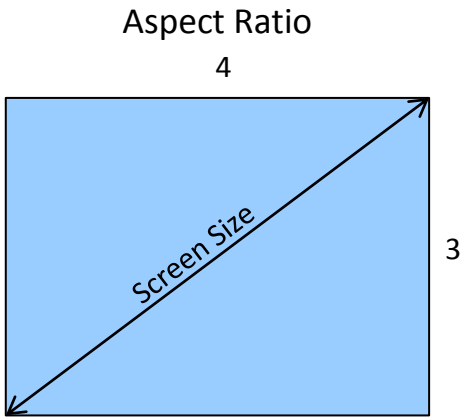




Projection Distance	Screen Size Aspect Ratio 4:3
1.51 ~ 1.66 metres	40 "
1.89 ~ 2.07 metres	50 "
2.27 ~ 2.49 metres	60 "
2.65 ~ 2.90 metres	70 "
3.02 ~ 3.32 metres	80 "
3.40 ~ 3.73 metres	90 "
3.78 ~ 4.15 metres	100 "

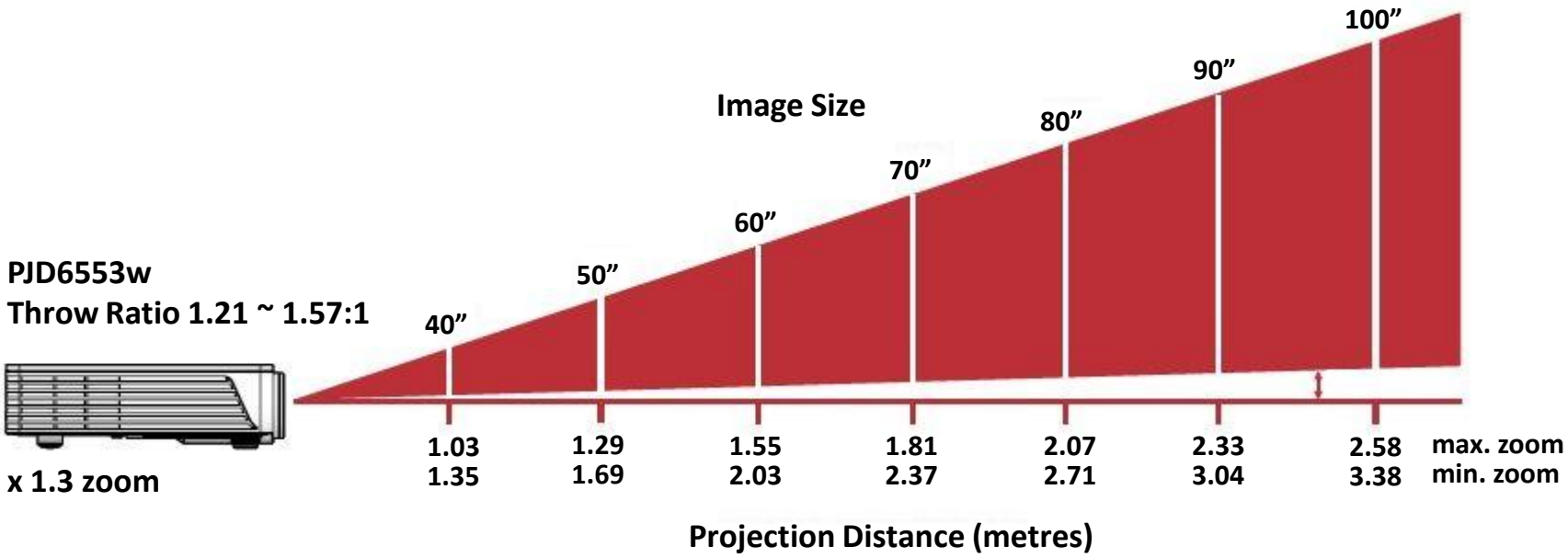
PJD6253 Image Size –v– Projection Distance

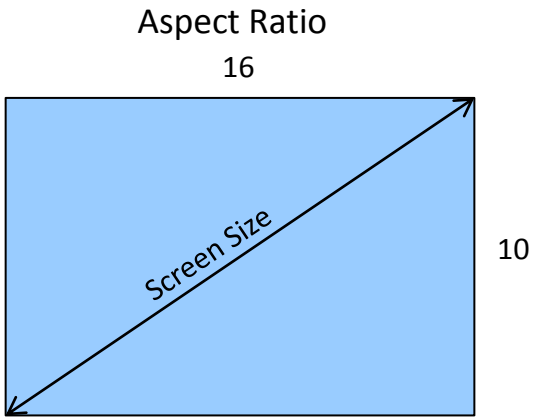




Projection Distance	Screen Size Aspect Ratio 4:3
1.23 ~ 1.35 metres	40 "
1.53 ~ 1.94 metres	50 "
1.84 ~ 2.33 metres	60 "
2.15 ~ 2.72 metres	70 "
2.45 ~ 3.10 metres	80 "
2.76 ~ 3.49 metres	90 "
3.07 ~ 3.88 metres	100 "

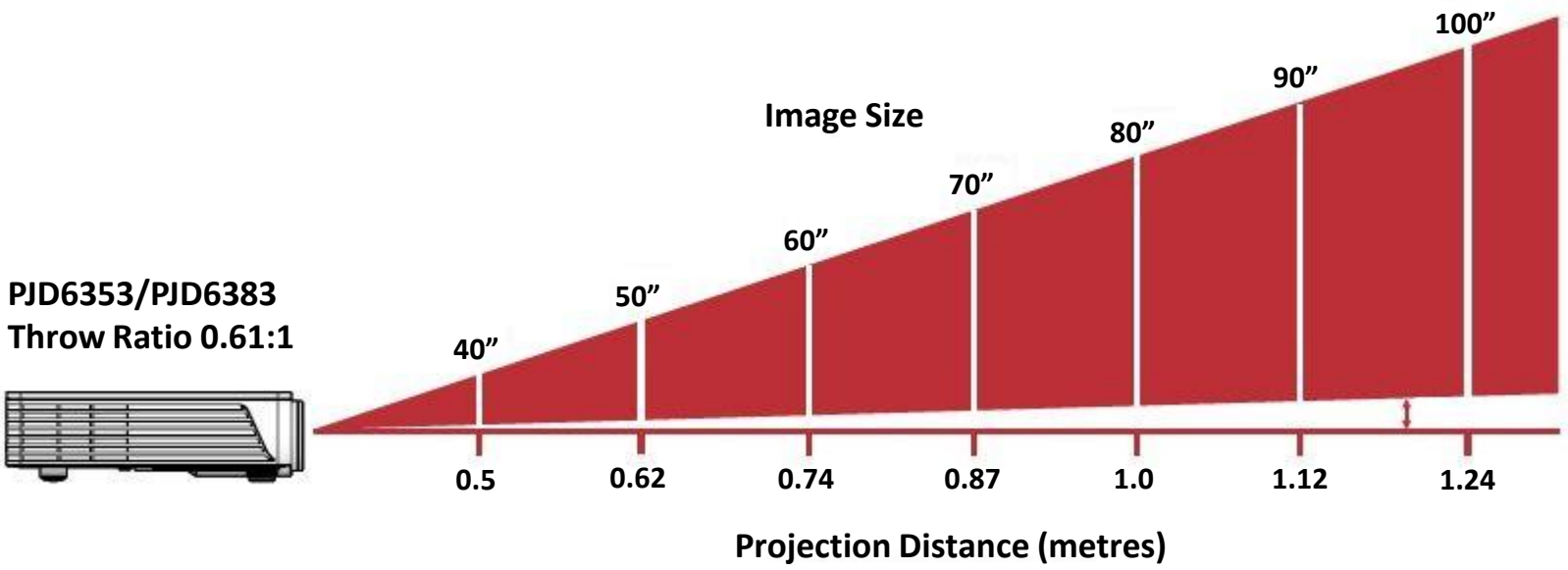
PJD6553w Image Size –v– Projection Distance

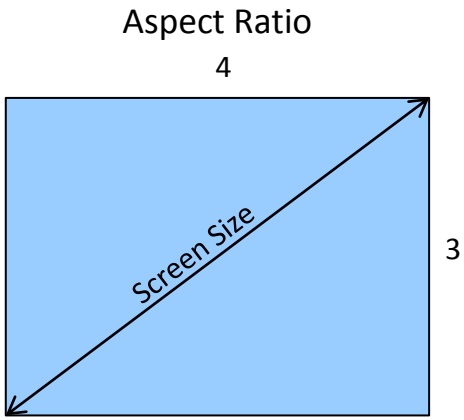




Projection Distance	Screen Size Aspect Ratio 16:10
1.03 ~ 1.35 metres	40 "
1.29 ~ 1.69 metres	50 "
1.55 ~ 2.03 metres	60 "
1.81 ~ 2.37 metres	70 "
2.07 ~ 2.71 metres	80 "
2.33 ~ 3.04metres	90 "
2.58 ~ 3.38 metres	100 "

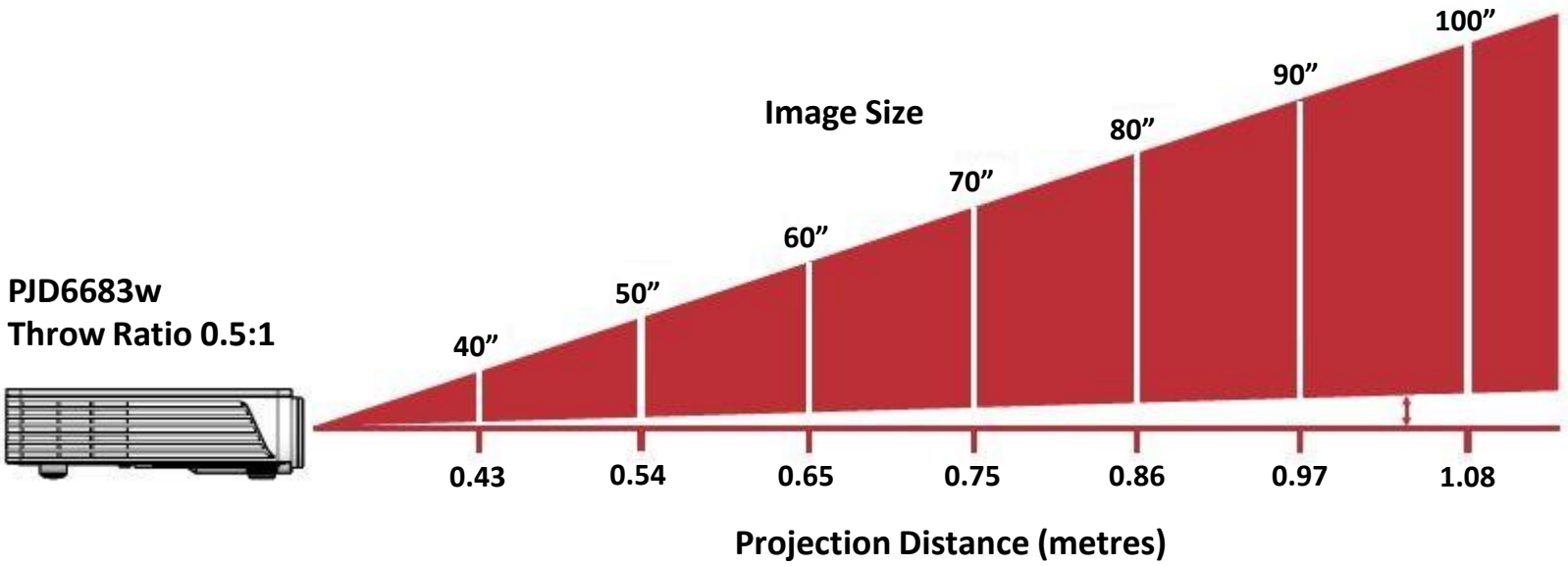
PJD6353/6383 Image Size –v– Projection Distance

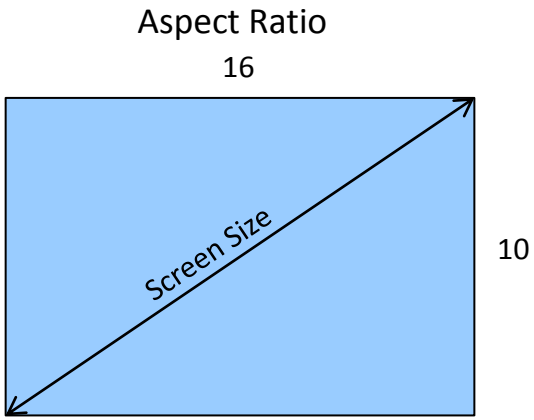




Projection Distance	Screen Size Aspect Ratio 4:3
0.5 metres	40 "
0.62 metres	50 "
0.74 metres	60 "
0.87 metres	70 "
1.0 metres	80 "
1.12 metres	90 "
1.24 metres	100 "

PJD6683w Image Size –v– Projection Distance





Projection Distance	Screen Size Aspect Ratio 16:10
0.43 metres	40 "
0.54 metres	50 "
0.65 metres	60 "
0.75 metres	70 "
0.86 metres	80 "
0.97 metres	90 "
1.08 metres	100 "

PJD 6 Series – Product Feature Highlights

Crestron RoomView® network control

Market leading Crestron RoomView® software lets you remotely manage up to 250 networked projectors through a LAN or WLAN connection. With real-time monitoring and control, Crestron RoomView® helps conveniently schedule events and program e-mail alerts regarding projectors statuses. Ideal for business and education, it's a smart and efficient management solution that helps save on upkeep costs.

ViewSonic's PJD6 series projectors are compatible with Crestron RoomView® network management software that allows centralized control of up to 250 projectors. Crestron RoomView® provides an advanced, real-time alert system that sends status updates regarding power, lamp life, and unit status which helps to simplify maintenance efforts and increase efficiency. Network management can also automate device scheduling such as powering on/off and broadcast urgent messages via closed captioning. With smart network management, you'll be able to save time, save money, and reduce maintenance efforts making it an incredibly efficient tool for education.

PJD 6 Series – Product Feature Highlights

DynamicEco™ intelligent design
Save up to 70% on power consumption

According to a Futuresource survey, projectors are only used during 23% of a class or meeting period. During the remaining time, the projectors are still running, using power and decreasing lamp life. With ViewSonic's DynamicEco™ intelligent design, you'll enjoy energy savings, longer lamp and projector life, and experience vivid image projection performance

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ViewSonic's DynamicEco™ intelligent design can efficiently reduce power consumption and deliver the best image performance. DynamicEco™ design automatically decreases the brightness of a projectors lamp by up to 30% when no input signal is present which saves on power consumption. Alternatively, it can be manually enabled through a button on the remote which automatically adjusts image brightness and saves up to 70% power consumption.

DynamicEco™ intelligent design will automatically lower down 30% lamp brightness and decrease the power consumption of the lamp by up to 70% when no input signal is detected for a designated period of time. For example, there are 5, 10, 15 or 30 minute options for the timer.

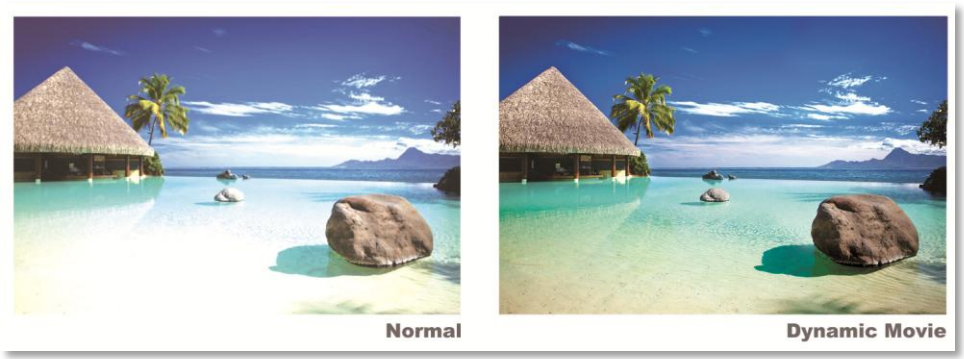
In order to increase the efficiency of your class or meeting and save the energy at the same time, DynamicEco™ intelligent design can be manually activated by a shortcut button on the remote controller. Once enabled, dimming the lamp power down to 30% of brightness makes the image on projection screen darker whenever you need to direct your audiences focus back to you, or when the projector is not in use. Using this feature will lower the projectors total power consumption by up to 70%.

PJD 6 Series – Product Feature Highlights

Dynamic Movie mode for amazing contrast and cost savings

The projector features a Dynamic Movie mode which automatically detects and adjusts image brightness according to ambient light. Producing amazing contrast, Dynamic Movie mode enhances contrast ratios for the most vivid and realistic experience possible. Dynamic Movie efficiently saves approximately 30% power and helps to reduce cost by automatically adjusting the lamp brightness.

When displaying dark images, the lamp automatically decreases its brightness output to strengthen black levels and reveal fine image details. When displaying bright images, the lamp turns up again to show brilliantly bright whites. By adjusting lamp light output, Dynamic Movie mode enhances image clarity, increases lamp life, and reduces power consumption by up to 30% as well as reduces noise. Whether you're teaching, making a business presentation, or enjoying entertainment film, Dynamic Movie mode provides the best images and a high-quality viewing experience.



PJD 6 Series – Product Feature Highlights

A Built in 10W Speaker to deliver clear sound in every corner

ViewSonic PJD 6 series projectors come standard with a build in 10W speaker to provide high volume audio for the classroom without the need for an external audio setup. The 10W speaker can fill any sized classroom with enough volume to fill a room full of students. Even those in the furthest corners will experience crisp and clear sound, assisting meeting efficiency and peaking interest.

Moreover, connect a microphone to a PJD6 series projector and deliver dialogue clearly to all students in the classroom via a powerful 10W speaker.

PJD 6 Series – Product Feature Highlights

HDMI and diverse inputs and output for multimedia flexibility

ViewSonic PJD 6 series short throw projector comes with HDMI input to facilitate the connection of digital devices, such as Blu-ray DVD players, Xbox360s, camcorders, etc. With 2 sets of RGB inputs and composite inputs for multiple device connections, the PJD6 series is able to display diverse high quality multimedia contents perfect for educational environments.

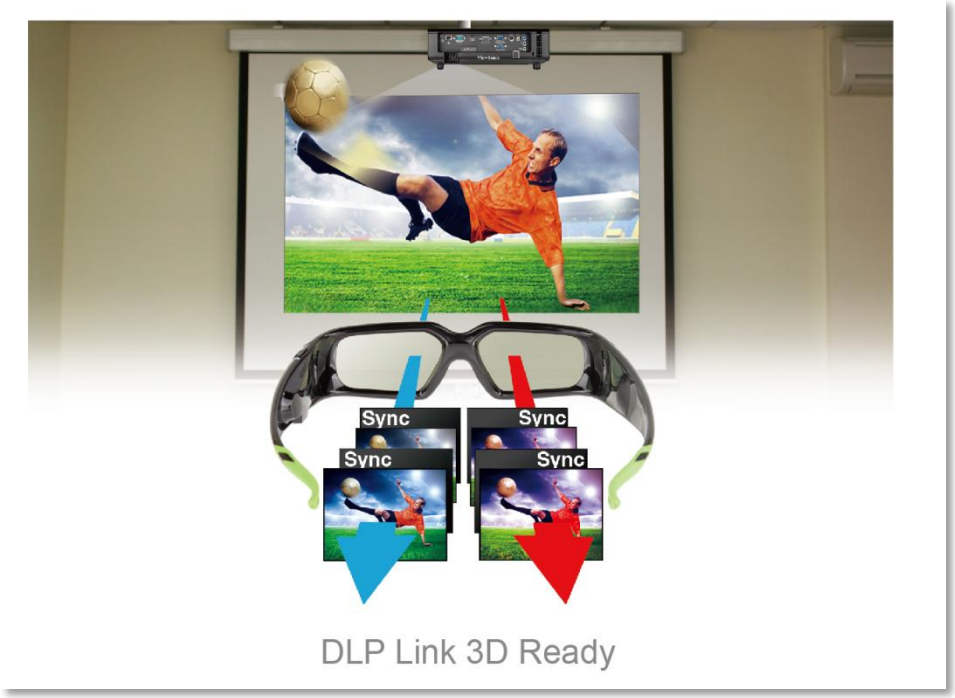
HDMI (High-Definition Multimedia Interface) is the first and only industry-supported, uncompressed, all-digital audio/video interface. With the ability to deliver crystal-clear, all-digital audio and video via a single cable, HDMI dramatically simplifies cabling/connecting diversified devices and helps provide consumers with a high-quality home theater experience. HDMI can provide an interface connection between most audio/video source including a set-top box, Blu-ray player, DVD player, A/V receiver, and video monitors such as a High Definition Television (HDTV) - all by a single cable.

PJD 6 Series – Product Feature Highlights

DLP Link 3D ready

ViewSonic PJD 6 series incorporates TI DLP link 3D ready technology, which allows you to directly synchronize with 3D active shutter glasses without any special emitters or 3rd party transmission devices and experience amazing 3D contents right away.

DLP DMD chip uses millions of microscopic digital mirrors, which reflect light to create a stunning picture. And the chip can also control microscopic digital mirrors to turn fast up to 120Hz to actually produce two images on the screen at the same time; One for the “left” eye and one for the “right” eye to create 3D image viewed through 3D active shutter glasses. In addition to the two images on the screen, the DLP chip also delivers additional data to the active shutter glasses in-between each frame of video. This addition data dissemination is how the projector communicates with the DLP link enabled active glasses. This sophisticated transmission technique makes data emitters obsolete and eliminates the need to install and position emitters. This saves you time and money and makes setup of a 3D Ready DLP projector quick and easy.

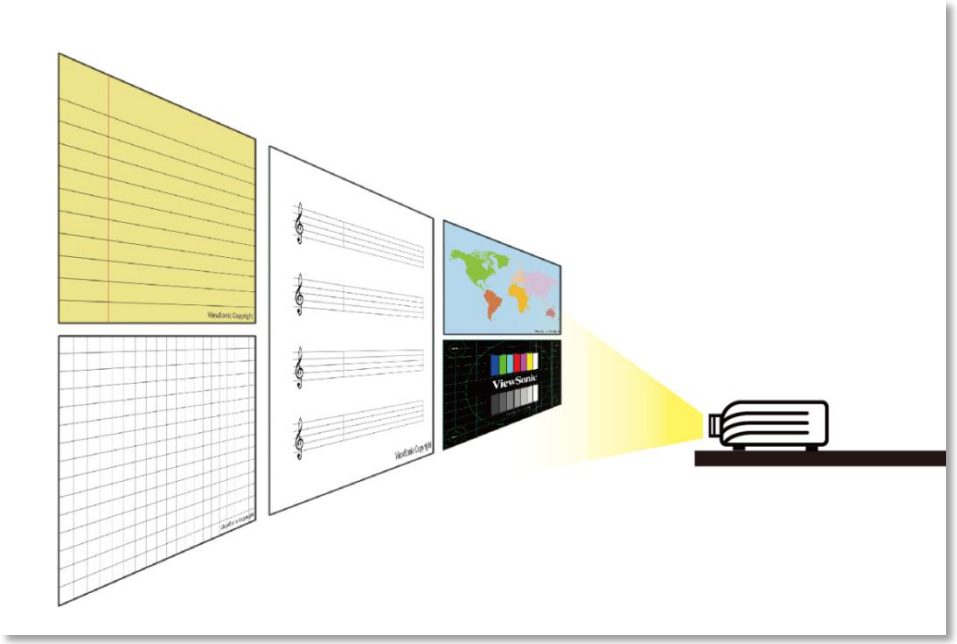


PJD 6 Series – Product Feature Highlights

Embedded educational patterns

ViewSonic PJD 6 series projectors provide several educational patterns, including square chart and color bar to provide standard patterns and references while setting projectors and efficiently increase projector set up process. It also includes notepad, musical staff and world map patterns to create interesting and convenience while teaching.

Embedded square chart and color bar patterns help teachers to adjust image focus and color performance to be accurate, and provide the best content quality for the class. Notepad and musical staff patterns can be utilized along with interactive optical pens or white boards for teachers to teach efficiently. And for world map pattern, you do not need to bring huge paper-made world map for your geography class, just turn on the projector and project world map pattern to give a comprehensive lesson.



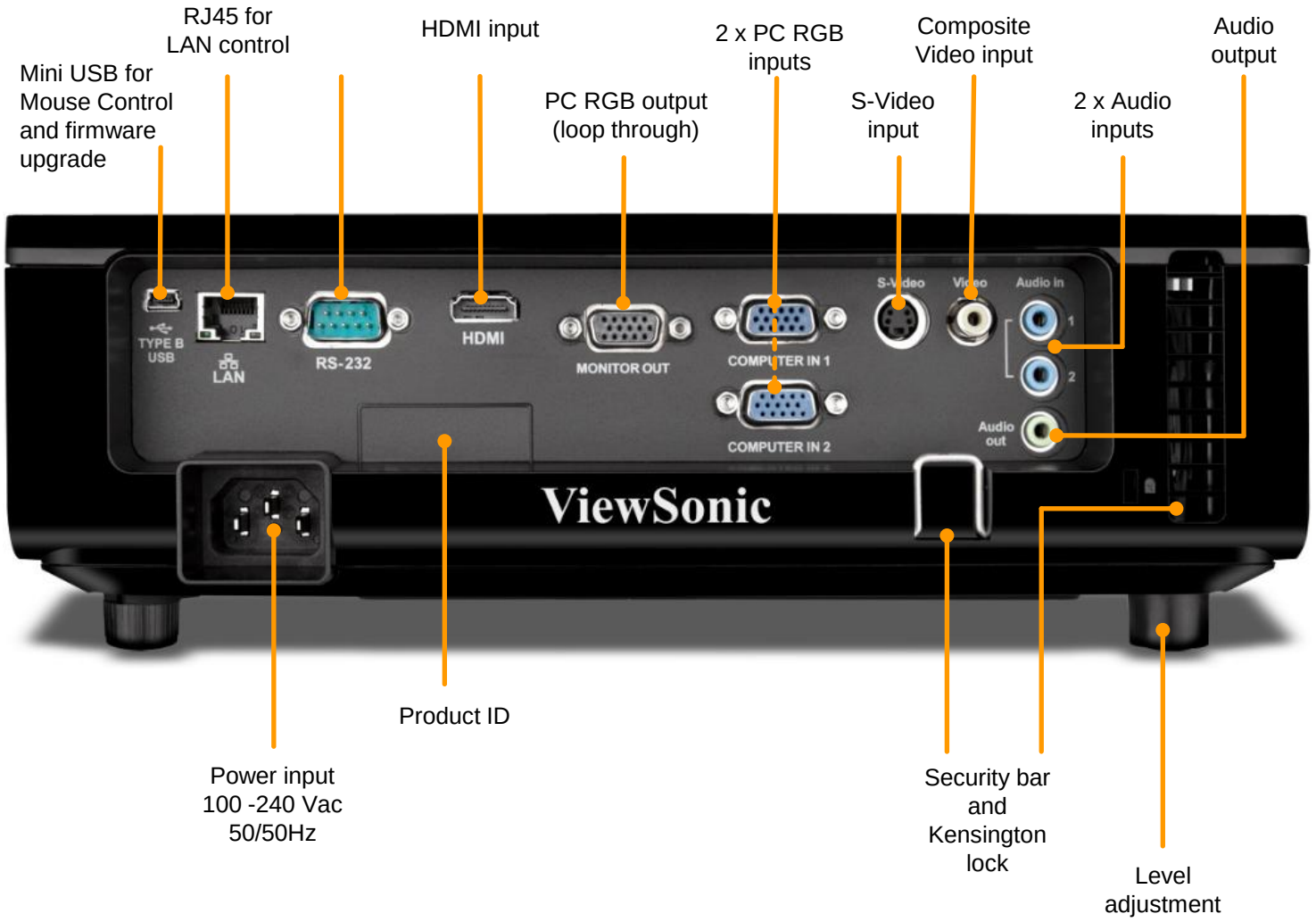
PJD 6 Series – Product Feature Highlights

Projection Wall Color Correction presents accurate images

If you don't have a projector screen or white wall handy, projection wall color correction technology lets you project images onto a non-white surface. Simply select your wall color on the menu, and the projector will automatically correct the color and brightness of the projected display – resulting in brilliant, true-color images.

Projection wall color correction provides the flexibility to fit any occasion. Whether using the projector for business, education or entertainment, you can enjoy professional, accurate images anywhere.

PJD 6 Series - Connectivity



PJD6223/PJD6253/PJD6553w

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PJD6353/PJD6383/PJD6683w

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